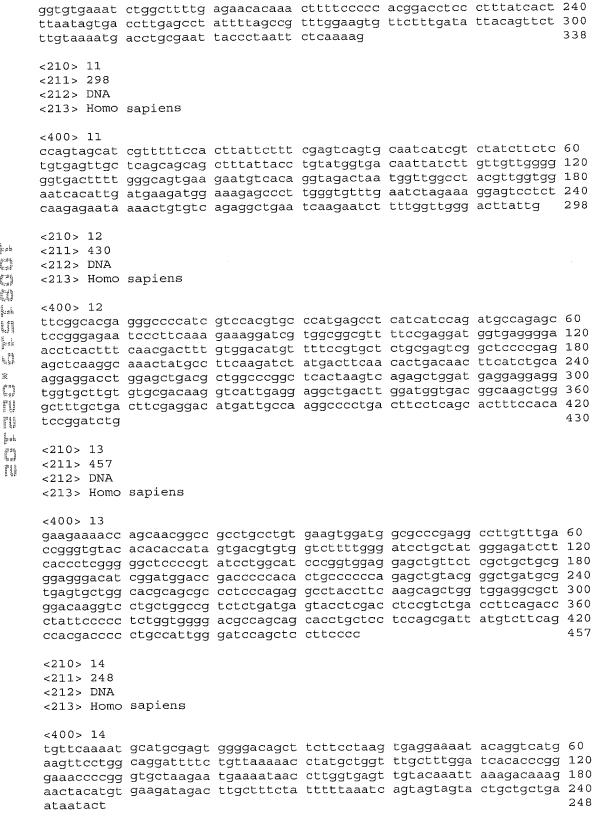SEQUENCE LISTING

<110> Chan, Vivien
     Rohan, Michael

<120> GENE PRODUCTS DIFFERENTIALLY EXPRESSED
   IN CANCEROUS COLON CELLS AND CORRELATION OF
   EXPRESSION PATTERNS

<130> 16335.002

<140> Unassigned
<141> 2002-02-21

<150> 60/270,959
<151> 2001-02-21

<160> 20

<170> FastSEQ for Windows Version 4.0

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<211> 443
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<213> Homo sapiens

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ttttaccccc ccttaacttt ttgcccccaa aaaccaaatt aaaccccccc cccttttaaa 180
agggggggggg ggaaaaaaac aaaaacccccc aaacccccccc tggaaaaccc ccatttcttc 240
cccccccctt ttatcccccc gaagggattt tttttttttat ttgcccccttg tccttgggtt 300
aaattaaggg gggacccctc tggggggccc tggcccatta accccccttgg aaaaatcaaa 360
ggggggggga aaaagccctt ttcccgcctg gttttttgggg aaaaggggtt gcccccaaaa 420
atccttaagg ccaaagggggg ggt 443

<210> 2
<211> 433
<212> DNA
<213> Homo sapiens

<400> 2
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tcgctgtcct ctctcccccct cgccctctct tcggcccccc ctttcacgtt cactctgtct 120
ctcccactat ctctgccccc ctctatcctt gatacaacag ctgacctcat ttcccgatac 180
cttttcccccc ccgaaaagta caacatctgg cccgccccag cccgaagaca gcccgtcctc 240
cctggacaat cagacgaatt ctcccccccc ccccaaaaaa aagccatccc cccgctctgc 300
cccgtcgcac attcggcccc cgcaactcgg ccaaagcggc gctggcaaag gagtgtccgg 360
caggagggcc aacgcccgct gttcggtttg caacacgcac cagggagggg ggcggaagcg 420
tcccggcctt cca 433

<210> 3
<211> 120
<212> DNA
<213> Homo sapiens

<400> 3

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tcactctgaa gtgttatcag caaaaaaaat tcagtagatt atctttaaaa gaaaactgta 60
aaaatagcaa ccacttatgg cactgtaaaa aaaaaaaaaa aaaaaaaaaa aaattggggg 120
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<210> 4
<211> 508
<212> DNA
<213> Homo sapiens

<400> 4

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cggggtctcg ttgctgggcg agggcgtggc cccgtcctcg gccttgggcg aagaagtcga 60
ggaggcggcc gacgcggcct ctccctccgc ggccgtgggc gagccgggct cggcagcctc 120
gccttccgcg ggggcctcct tctctaccgg gctggccccg gcctcggggg cagcggcggc 180
ggccggctca cctttctcgg ccgcggaggg cgacgccgcc ccgctcccgg cggccgcggg 240
ctcctccttg tcggcggccg gggcgctgcc gttggcctgc agctcctcct tggcgcccga 300
ctcggcggcc gcgggcgaag cgtcgccgtt taccttcacg tggccattct cctgtccgtt 360
cgctttggaa ggcgacgagg ccacagccgc ctccccaggc ctctccgcgg cggcttctcc 420
cttcgctgcg gtcttggaga actgggcacc catgctggct tcttcaacaa agaaactcaa 480
cagatccaag agggggaaaca aagagcct 508
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<210> 5
<211> 597
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> 467
<223> n = A,T,C or G

<221> misc_feature
<222> 467
<223> n = A,T,C or G

<400> 5

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atgccatagc agccaccacc gcggcgccta gggctgcggc agggactcgg cctctgggag 120
gtttacctcg cccccacttg tgcccccagc tcagcccccc tgcacgcagc ccgactagca 180
gtctagaggc ctgaggcttc tgggtcctgg tgacggggct ggcatgaccc cggggggtcgt 240
ccatgccagt ccgcctcagt cgcagagggt ccctcggcaa gcgccctgtg agtgggccat 300
tcggaacatt ggacagaagc ccaaagagcc aaattgtcac aattgtggaa cccacattgg 360
cctgagatcc aaaacgcttc gaggcacccc aaattacctg cccattcgtc aggacaccca 420
cccacccagt gttatattct gcctcgccgg agtggggtgt cccggnggc acttgccgac 480
cagccccttg cgtccccagg tttgcagctc tcccctgggc cactaaccat cctggcccgg 540
gctgcctgtc tgacctccgt gcctagtcgt ggctctccat cttgtctcct ccccgtg 597
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<210> 6
<211> 762
<212> DNA
<213> Homo sapiens

<400> 6

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ggggccccca ctgaagacat tggggacacg gggaggagac aagatggaga gccacgacta 120
ggcacggagg tcagacaggc agcccgggcc aggatggtta gtggcccagg ggagagctgc 180
aaacctgggg acgcaagggg ctggtcggca agtgccccg ggaacaccca ctccggcgag 240
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gcagaatata acactgggtg ggtgggtgtc ctgacgaatg ggcaggtaat ttggggtgcc 300
tcgaagcgtt ttggatctca ggccaatgtg ggttccacaa ttgtgacaat ttggctcttt 360
gggcttctgt ccaatgttcc gaatggccca ctcacagggc gcttgccgag ggaccctctg 420
cgactgaggc ggactggcat ggacgacccc cgggtcatgc cagccccgtc accaggaccc 480
agaagcctca ggcctctaga ctgctagtcg ggctgcatgc agggggggctg agctgggggc 540
acaagtgggg gcgaggtaaa cctcccagag gccgagtccc tgccgcagcc ctaggcgccg 600
cggtggttgg ctgctatggc atcaccagac ccgtgggctt ccggggccaa gccaacctgg 660
tcgatgggca gacctggcag ctcttctgct ctgtgggctt agaacccgcc tgaacttcct 720
aattgccccg gctcacccca accttgtccc caagaggttc cc            762
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<210> 7
<211> 388
<212> DNA
<213> Homo sapiens

<400> 7
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ccaaacccca gcgccaccca atattcccct gaacagtact ggccatgtgc tccttaaagc 60
taaaattaaa aacaaacaaa aaacagaaag aaaaaagtat ccccaggtag ctatgttgta 120
attttatttc atgacagcac catcttctct ttgcctgcgc ctgggcctcc tagtgtgctg 180
cttacgtgat gcccacgtgc cacagagtta ttgcccgaag tgccagtggg ctgtgcaggg 240
gatgggctct ccttccaga tggactgcaa cctctgggac cacgcaccca ccatcccctt 300
tctttcttct tcggatgcaa tttcaggagc aaagctgatc tgaggggcaa ggactttaaa 360
tccacagaag tgtaatgtgc catgctaa                             388
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<210> 8
<211> 105
<212> DNA
<213> Homo sapiens

<400> 8
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cccgggtcga cccacgcgtc cggaccaagt gctctgccag ggctgtagcc aggcagggcc 60
ctaacccagg gctcctggac ccaggcttta ccataccacg ggccc          105
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<210> 9
<211> 479
<212> DNA
<213> Homo sapiens

<400> 9
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acatcagtga agaagatcag gctgctgagc ttcgtgctta tctgaaatct aaaggagctg 120
agatttcaga agataactcg gaaggtggac ttcatgttga tttagctcaa attattgaag 180
cctgtgatgt gtgtctgaag gaggatgata aagatgttga aagtgtgatg aacagtgtgg 240
tatccctact cttgatcctg gaaccagaca agcaagaagc tttgattgaa agcctatgtg 300
aaaagctggt caaatttcgc gaaggtgaac gcccgtctct gagactgcag ttgttaagca 360
acctttttcca cgggatggat aagaatactc ctgtaagata cacagtgtat tacagcctta 420
ttaaagtggc agcatcttgt ggggccatcc agtacatccc aactgagctg atcaagtt 479
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<210> 10
<211> 338
<212> DNA
<213> Homo sapiens

<400> 10
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ggagatggag aggtcagtga gcaagagttc ctgcgcatca tgaaaaagac cagcctctat 120
taagatcagt gtcttctttt tctactgcaa gcacatgtaa ctagatttag tgcctgccat 180
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ggtgtgaaat ctggctttttg agaacacaaa ctttttcccccc acggacctcc ctttatcact 240
ttaatagtga ccttgagcct atttttagccg tttggaagtg ttctttgata ttacagttct 300
ttgtaaaatg acctgcgaat taccctaatt ctcaaaag              338


<210> 11
<211> 298
<212> DNA
<213> Homo sapiens


<400> 11
ccagtagcat cgtttttcca cttattcttt cgagtcagtg caatcatcgt ctatcttctc 60
tgtgagttgc tcagcagcag ctttattacc tgtatggtga caattatctt gttgttgggg 120
ggtgactttt gggcagtgaa gaatgtcaca ggtagactaa tggttggcct acgttggtgg 180
aatcacattg atgaagatgg aaagagccct tgggtgtttg aatctagaaa ggagtcctct 240
caagagaata aaactgtgtc agaggctgaa tcaagaatct tttggttggg acttattg 298


<210> 12
<211> 430
<212> DNA
<213> Homo sapiens


<400> 12
ttcggcacga gggccccatc gtccacgtgc ccatgagcct catcatccag atgccagagc 60
tccgggagaa tcccttcaaa gaaaggatcg tggcggcgtt ttccgaggat ggtgagggga 120
acctcacttt caacgacttt gtggacatgt tttccgtgct ctgcgagtcg gctccccgag 180
agctcaaggc aaactatgcc ttcaagatct atgacttcaa cactgacaac ttcatctgca 240
aggaggacct ggagctgacg ctggcccggc tcactaagtc agagctggat gaggaggagg 300
tggtgcttgt gtgcgacaag gtcattgagg aggctgactt ggatggtgac ggcaagctgg 360
gctttgctga cttcgaggac atgattgcca aggcccctga cttcctcagc actttccaca 420
tccggatctg                                             430


<210> 13
<211> 457
<212> DNA
<213> Homo sapiens


<400> 13
gaagaaaacc agcaacggcc gcctgcctgt gaagtggatg gcgcccgagg ccttgtttga 60
ccgggtgtac acacaccata gtgacgtgtg gtcttttggg atcctgctat gggagatctt 120
caccctcggg ggctccccgt atcctggcat cccggtggag gagctgttct cgctgctgcg 180
ggagggacat cggatggacc gacccccaca ctgcccccca gagctgtacg ggctgatgcg 240
tgagtgctgg cacgcagcgc cctcccagag gcctaccttc aagcagctgg tggaggcgct 300
ggacaaggtc ctgctggccg tctctgatga gtacctcgac ctccgtctga ccttcagacc 360
ctattcccccc tctggtgggg acgccagcag cacctgctcc tccagcgatt atgtcttcag 420
ccacgacccc ctgccattgg gatccagctc cttcccc                457


<210> 14
<211> 248
<212> DNA
<213> Homo sapiens


<400> 14
tgttcaaaat gcatgcgagt ggggacagct tcttcctaag tgaggaaaat acaggtcatg 60
aagttcctgg caggattttc tgttaaaaac ctatgctggt ttgctttgga tcacacccgg 120
gaaaccccgg gtgctaagaa tgaaaataac cttggtgagt tgtacaaatt aaagacaaag 180
aactacatgt gaagatagac ttgctttcta tttttaaatc agtagtagta ctgctgctga 240
ataatact                                               248
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- 4 -

<210> 15
<211> 558
<212> DNA
<213> Homo sapiens

<400> 15
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tgggcctcca tcccgtgccc tcgctctgag ctgcgcctgg acctggttct gccttctgga 120
caatcttttcc ggtggaggga gcaaagtcct gcacactgga gtggtgtact agcggatcaa 180
gtatggacac tgactcagac tgaggagcag ctccactgca ctgtgtaccg aggagacaag 240
agccaggcta gcaggcccac accagacgag ctggaggccg tgcgcaagta cttccagcta 300
gatgttaccc tggctcaact gtatcaccac tggggttccg tggactccca cttccaagag 360
gtggctcaga aattccaagg tgtgcgactg ctgcgacaag accccatcga atgccttttc 420
tcttttatct gttcctccaa caacaacatc gcccgcatca ctggcatggt ggagcggctg 480
tgccaggctt ttggacctcg gctcatccag cttgatgatg tcacctacca tggcttcccc 540
agcctgcagg ccctggct 558

<210> 16
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> 555, 569
<223> n = A,T,C or G

<221> misc_feature
<222> 555, 569
<223> n = A,T,C or G

<400> 16
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tcatctcctc cttgacatcc tcccaccgct ccttgtcctc cttcaggacc cggctggtgt 120
gcagtggggt ttgagggacc tttgttgatt gcatgatcca agggtggttc ataaactcgg 180
tgatggtcat tctctgggtg ggctctgttt tcagcagatt ccgaatgagc atcttcactt 240
cctctgatac ttctgaccat tctgggttgg gaaattcata ctggcccatt cggatgcgag 300
tcttcatgcc cggagagatg gcaaggcgtg gttggagtag aaggggggat acccacacag 360
caggatgtac atgatgacac ccagggacca catgtcacag acttgtcat acttctctgg 420
acccagcact tctggagcca catagtacgg tgtataacaa ggagtggtca aagagttgtg 480
gctggtggtt tccttggcaa agcaaaagtc agtgagtttc aggatggcgt gggcccttt 540
ggaagtgtat aaganatctc aggcttgana tcccgatggg caatgttgat tgaatgcaga 600
taactggaat ggcc 614

<210> 17
<211> 503
<212> DNA
<213> Homo sapiens

<400> 17
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gtggtattgt ccatgaagtg attgtagtag gcaataaagt tgtcgtgctg cagcagtgcc 120
agaataacta tctcattcaa ggcatcacga cgttccttct cagacagccg ggtcaaatcg 180
acttccttcc acacaaccag tgagtcatcc tcggtgcggc ggtacagcgt ggcttccccg 240
aaggcgccgc ggcccaggac gcggatgggg atgtagtgca gttcctcctg ctccgccgcg 300
ccgccgccgg ctcgcggccc ctgactggcg ctaggccccg gactcgagtc cccgcaaccc 360

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ccggactcgc tcccaaagtc cgagttgatg gaatcgcagt gtcgctcgta ctcgcccagc 420
accgacatgg cggcggccgc aagcttattc cctttagtga gggttaattt tagcttggca 480
ctggccgtcg ttttacaacg tcg                                         503


<210> 18
<211> 513
<212> DNA
<213> Homo sapiens


<400> 18
ggacaccatg aatcacactg tccaaacctt cttctctcct gtcaacagtg gccagccccc 60
caactatgag atgctcaagg aggagcacga ggtggctgtg ctggggcgc cccacaaccc 120
tgctcccccg acgtccaccg tgatccacat ccgcagcgag acctccgtgc cgaccatgt 180
cgtctggtcc ctgttcaaca ccctcttcat gaacccctgc tgcctgggct tcatagcatt 240
cgcctactcc gtgaagtcta gggacaggaa gatggttggc gacgtgaccg ggcccaggc 300
ctatgcctcc accgccaagt gcctgaacat ctgggccctg attctgggca tcctcatgac 360
cattctgctc atcgtcatcc cagtgctgat cttccaggcc tatggataga tcaggaggca 420
tcactgaggc caggagctct gcccatgacc tgtatcccac gtactccaac ttccattcct 480
cgccctgccc ccggagccga gtcctgtatc agc                              513


<210> 19
<211> 315
<212> DNA
<213> Homo sapiens


<400> 19
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ttcttctctc ctgtcaacag tggccagccc cccaactatg agatgctcaa ggaggagcac 120
gaggtggctg tgctggggc agccccacaa ccctgctccc cgacgtcca ccgtgatcca 180
catccgcagc gagacctccg tgcccgacca tgtcgtctgg tccctgttca cacccctctt 240
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gaagatggtt ggcga                                                  315


<210> 20
<211> 290
<212> DNA
<213> Homo sapiens


<400> 20
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tccactttc ctgctggggt tcctgtctca aaaaggagtc ttgctcgtgc tggtttctat 120
tacactggtg tgaatgacaa ggtcaaatgc ttctgttgtg gcctgatgct ggataactgg 180
aaaagaggag acagtcctac tgaaaagcat aaaaagttgt ctcctagctg cagattcgtt 240
cagagtctaa attccgttaa caacttggaa gctacctctc agcctacttt              290
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